

USSN 10/647,347  
Docket No.: 2328-050A

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-25 (canceled).

Claims 26-29 and 31 (canceled).

Please cancel claims 26-29 and 31 and rewrite them as:

**Claim 32 (new):** A method of controlling the plasma flux distribution on workpieces being processed by plural inductive plasma processors of the same type, the different processors of the same type having differing azimuthal electric field and plasma density distributions from processor to processor, each processor including a plasma excitation coil having a center axis and plural parallel connected windings adapted to be driven by an excitation source, the plural parallel connected windings of each processor being concentric with the axis of the particular processor so an exterior winding of the coil of the particular processor surrounds the remainder of the coil, the method comprising for each processor turning the exterior winding relative to the remainder of the coil until tests indicate optimum uniform plasma density distribution is achieved in each processor.